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SCIENCE

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RESULTS VS. IDEALS IN TECHNICAL EDUCATION¹

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RESULTS *vs.* ideals; performance *vs.* promises; accomplishments *vs.* good resolutions; graduating classes *vs.* college catalogues and prospectuses—such is life!

This is a commemorative occasion; a twenty-fifth graduation; a proper time to look backward and revise educational estimates.

Chauncey Rose, the revered founder of Rose Polytechnic Institute, had very definite ideals. His thought was of an education blending the industrial sciences with advanced academic and even collegiate instruction; the product to be, not scholars only, but men fitted for various mechanical, professional and industrial pursuits; and equipped with both intelligence and skill.

The first president of Rose Polytechnic, the lamented Dr. Charles O. Thompson, came here with very practical ideals, worked out during fifteen years at what is now the Worcester Polytechnic Institute. He transplanted to Terre Haute the system by which adequate scholarship is joined to skill gained by manual training in shops and laboratories. The Russian system in Moscow was contemporaneous; but there all manual operations of shop-work were for instruction only; material was consumed, but for the products there was no use or commercial value. Professor Calvin M. Woodward, in St. Louis, had also worked ten years on the manual training system, in which he aimed to

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¹A memorial address on the occasion of the twenty-fifth graduation at Rose Polytechnic Institute.